

Information Disclosure Citation in an Application (Use several sheets if necessary)	Docket Number	252312005706	Application Number	09/753,350
	Applicant	Stephen M. COUTTS et al.		
	Filing Date	December 29, 2000	Group Art Unit	1644
	Mailing Date	February 5, 2004		

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
PW	1.	07/12/2001	2001/0007765	Harris et al.			
	2.	08/08/2002	2002/0107389	Coutts et al.			
	3.	01/23/2003	2003/0018190	Jones			
	4.	08/28/2003	2003/0162953	Coutts et al.			
	5.	05/17/1977	4,024,222	Ts'o et al.			
	6.	01/13/1981	4,245,110	Engelhard et al.			
	7.	09/15/1981	4289,872	Denkewalter et al.			
	8.	09/14/1982	4,349,538	Levy			
	9.	11/15/1983	4,415,590	Gerzon			
	10.	06/02/1987	4,670,558	Ebel et al.			
	11.	09/05/1989	4,863,713	Goodwin et al.			
	12.	05/08/1990	4,923,985	Gansow et al.			
	13.	01/22/1991	4,987,130	Tsushima et al.			
	14.	02/09/1993	5,185,433	Dean et al.			
	15.	11/23/1993	5,264,209	Mikayama et al.			
	16.	12/28/1993	5,274,123	Deruelle et al.			
	17.	01/11/1994	5,278,051	Seeman et al.			
	18.	03/29/1994	5,298,403	Danielson et al.			
	19.	01/31/1995	5,386,020	Seeman et al.			
	20.	06/18/1996	5,527,524	Tomalia et al.			
	21.	09/02/1997	5,663,395	Göbel et al.			
	22.	09/30/1997	5,672,662	Harris et al.			
	23.	10/07/1997	5,674,911	Emanuele et al.			
	24.	11/25/1997	5,691,387	Emanuele et al.			
	25.	12/16/1997	5,698,664	Allcock et al.			
✓	26.	05/05/1998	5,747,244	Sheridan et al.			

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27.	12/01/1998	5,844,056	Kennedy et al.	✓		
28.	08/03/1999	5,932,462	Harris et al.	✓		
29.	11/23/1999	5,990,237	Bentley et al.	✓		
30.	01/23/2001	6,177,414	Tomalia et al.	✓		
31.	04/09/2002	6,368,612	Lanza et al.	✓		

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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES	NO
PK	32.	10/09/1975	DE 2 412 217	Germany				X
	33.	08/17/1988	EP 0 278 621	Europe				
	34.	07/29/1992	EP 0 496 074	Europe				
	35.	10/28/1992	EP 0 510 356	Europe				
	36.	02/07/1991	JP 3-500530	Japan			Abstract	
	37.	01/11/1991	JP 3-5495	Japan			Abstract	
	38.	08/07/1992	JP 4-218000	Japan			Abstract	
	39.	07/13/1993	JP 5-172814	Japan			Abstract	
	40.	07/22/1993	JP 5-504761	Japan			Abstract	
	41.	08/19/1993	JP 5-505520	Japan			Abstract	
	42.	12/17/1987	JP 62-503171	Japan			Abstract	
	43.	01/11/1988	JP 63-005033	Japan			Abstract	
	44.	04/02/1998	PT 96503	Portugal			Abstract	
	45.	01/10/1991	WO 91/00293	WIPO				
	46.	06/27/1991	WO 91/08753	WIPO				
	47.	01/23/1992	WO 92/00975	WIPO			Abstract	
	48.	04/16/1992	WO 92/05897	WIPO				
	49.	08/20/1992	WO 92/13558	WIPO				
	50.	12/21/1995	WO 95/34326	WIPO				
	51.	07/18/1996	WO 96/21469	WIPO				
	52.	06/17/1999	WO 99/29336	WIPO				

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53.	06/17/1999	WO 99/29338	WIPO			
54.	07/15/1999	WO 99/34833	WIPO			
55.	09/23/1999	WO 99/47494	WIPO			Abstract
56.	06/15/2000	WO 00/33887	WIPO			
57.	06/15/2000	WO 00/34231	WIPO			
58.	06/15/2000	WO 00/34296	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
PJM	59.	Ashton, P. R. et al. (1996). "Amino Acid Derivatives of β -Cyclodextrin," <i>J. Org. Chem.</i> 61:903-908.
	60.	Bordunov, A. V. et al. (1995). "Synthesis of New Pyridinoazacrown Ethers Containing Aromatic and Heteroaromatic Proton Ionizable Substituents," <i>J. Org. Chem.</i> 60: 6097-6102.
	61.	Borel, H. et al. (1984). "Conjugation of DNA Fragments to Protein Carriers by Glutaraldehyde: Immunogenicity of Oligonucleotide-Hemocyanin Conjugates," <i>Journal of Immunological Methods</i> 67:289-302.
	62.	Brask, J. and Jensen, K.J. (2001). "Carboproteins: A 4- α -Helix Bundle Protein Model Assembled on a D-Galactopyranoside Template," <i>Bioorganic & Medicinal Chemistry Letters</i> 11:697-700.
	63.	Choi, J.S. et al. (1999). "Poly(ethylene glycol)-block-poly(L-lysine) Dendrimer: Novel Linear Polymer/Dendrimer Block Copolymer Forming a Spherical Water-Soluble Polyionic Complex with DNA," <i>Bioconjug. Chem.</i> 10(1):62-65.
	64.	Choi, J.S. et al. (2000). "Synthesis of a Barbell-like Triblock Copolymer, Poly(L-lysine) Dendrimer-block-Poly(ethylene glycol)-block-Poly(L-lysine) Dendrimer, and Its Self-Assembly with Plasmid DNA," <i>J. Am. Chem. Soc.</i> 122(3):474-480.
	65.	Clark, A.J. et al. (2001). "A Nonisocyanate Route to Monodisperse Branched Polyurethanes," <i>J. Org. Chem.</i> 66:8687-8689.
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	67.	Contreras, M. A. et al. (1983). "Iodine Monochloride (ICI) Iodination Techniques" Chapter 22 <i>In Methods in Enzymology</i> Academic Press, Inc.: New York, New York 92:277-292.
	68.	Duncan, R. (1985). "Biological Effects of Soluble Synthetic Polymers as Drug Carriers," <i>CRC Critical Reviews in Therapeutic Drug Carrier Systems</i> . 1(4): 281-310.
↓	69.	Duncan, R. and Spreafico, F. (1994). "Polymer Conjugates: Pharmacokinetic Considerations for Design and Development," <i>Clin. Pharmacokinetic</i> 27(4):290-306.

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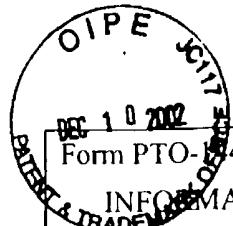
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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.																											
PTO/SB/08 (2-92) pa- 841304		Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE																									



Form PTO-1649

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 252312005706	Application Number 09/753,350
Applicant	Stephen M. COUTTS, et al.
Filing Date December 29, 2000	Group Art Unit 1635 1674
Mailing Date December 10, 2002	

U.S. PATENT DOCUMENTS

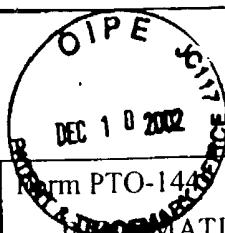
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	4.	08/23/1988	4,766,106	Katre et al.			
	5.	04/17/1990	4,917,888	Katre et al.			
	6.	10/01/1991	5,053,423	Liu			
	7.	06/16/1992	5,122,614	Zalipsky			
	8.	06/30/1992	5,126,131	Dintzis et al.			
	9.	11/10/1992	5,162,515	Conrad et al.			
	10.	04/27/1993	5,206,344	Katre et al.			
	11.	08/24/1993	5,238,940	Liu et al.			
	12.	12/07/1993	5,268,454	Barstad et al.			
	13.	01/04/1994	5,276,013	Conrad et al.			
	14.	10/25/1994	5,359,030	Ekwuribe			
	15.	09/05/1995	5,447,722	Lang et al.			
	16.	10/03/1995	5,455,027	Zalipsky et al.			
	17.	03/18/1997	5,612,460	Zalipsky			
	18.	04/08/1997	5,618,528	Cooper et al.			
	19.	07/01/1997	5,643,575	Martinez et al.			
	20.	07/22/1997	5,650,234	Dolence et al.			
	21.	10/28/1997	5,681,811	Ekwuribe			
	22.	03/24/1998	5,730,990	Greenwald et al.			
	23.	07/14/1998	5,780,319	Maxfield Wilson et al.			
	24.	11/24/1998	5,840,900	Greenwald et al.			
	25.	01/12/1999	5,859,213	Stefas et al.			
	26.	02/23/1999	5,874,500	Rhee et al.			
	27.	03/09/1999	5,880,131	Greenwald et al.			

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Form PTO-144 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number 252312005706	Application Number 09/753,350
Applicant				Stephen M. COUTTS, et al.	
Filing Date December 29, 2000				Group Art Unit 1635	
Mailing Date December 10, 2002					

28.	05/11/1999	5,902,588	Greenwald et al.		
29.	07/06/1999	5,919,455	Greenwald et al.		
30.	10/12/1999	5,965,119	Greenwald et al.		
31.	10/12/1999	5,965,566	Greenwald et al.		
32.	11/16/1999	5,985,263	Lee et al.		
33.	12/07/1999	5,998,223	Matsuura et al.		
34.	04/11/2000	6,048,529	Atassi et al.		
35.	04/18/2000	6,051,648	Rhee et al.		
36.	05/09/2000	6,060,056	Coutts et al.		
37.	06/20/2000	6,077,939	Wei et al..		
38.	08/22/2000	6,106,828	Bisgard-Frantzen et al.		
39.	09/05/2000	6,113,906	Greenwald et al.		
40.	10/03/2000	6,127,355	Greenwald et al.		
41.	11/28/2000	6,153,655	Martinez et al.		
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45.	06/26/2001	6,251,382	Greenwald et al.		
46.	07/10/2001	6,258,351	Harris		
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55.	01/17/2002	US 2002/0006898	Greenwald et al.		
56.	01/24/2002	US 2002/0009426	Greenwald et al.		
57.	01/31/2002	US 2002/0013266	Bentley et al.		
58.	02/14/2002	US 2002/0019340	Bentley et al.		

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Form PTO-1649

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

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Docket Number 252312005706 Application Number 09/753,350

Applicant

Stephen M. COUTTS, et al.

Filing Date December 29, 2000

Group Art Unit 1635

Mailing Date December 10, 2002

59.	02/28/2002	US 2002/0025321	Shoenfeld et al.				
60.	03/07/2002	US 2002/0028912	Yamasaki et al.				
61.	03/26/2002	6,362,254	Harris et al.				
62.	03/28/2002	US 2002/0037949	Harris et al.				
63.	04/02/2002	6,365,173	Domb et al.				
64.	04/04/2002	US 2002/0040076	Harris et al.				
65.	04/23/2002	6,376,604	Kozlowski				
66.	05/02/2002	US 2002/0052009	Hornauer et al.				
67.	05/02/2002	US 2002/0052430	Harris et al.				
68.	05/02/2002	US 2002/0052443	Greenwald et al.				
69.	05/28/2002	6,395,266	Martinez et al.				
70.	07/04/2002	US 2002/0086939	Kozlowski				
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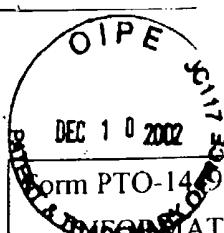
FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
73.	12/21/1998	AU 744085	Australia				
74.	01/04/1995	EP 0 632 082	Europe				
75.	10/03/1991	WO 91/14456	WIPO				
76.	05/26/1995	WO 95/14231	WIPO			Abstract	
77.	02/15/1996	WO 96/04006	WIPO				
78.	08/21/1997	WO 97/30148	WIPO				
79.	02/12/1998	WO 98/05363	WIPO				
80.	07/30/1998	WO 98/32466	WIPO				
81.	05/27/1999	WO 99/25384	WIPO				
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83.	12/16/1999	WO 99/64595	WIPO				
84.	01/13/2000	WO 00/01729	WIPO				
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in an Application

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Docket Number 252312005706 Application Number 09/753,350

Applicant

Stephen M. COUTTS, et al.

Filing Date December 29, 2000

Group Art Unit 1635

Mailing Date December 10, 2002

86.	11/09/2000	WO 00/66715	WIPO					
87.	12/14/2000	WO 00/75105	WIPO					
88.	03/15/2001	WO 01/18541	WIPO					
89.	04/19/2001	WO 01/26692	WIPO					
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97.	04/04/2002	WO 02/27317	WIPO					
98.	05/23/2002	WO 02/40058	WIPO					

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	99.	Blank, M. et al. (1999). "Prevention of Experimental Antiphospholipid Syndrome and Endothelial Cell Activation by Synthetic Peptides," <i>Proc. National Acad. Sci USA</i> 96:5164-5168.

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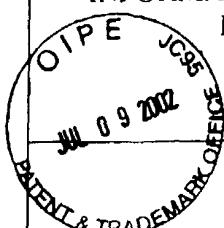
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Sheet 1 of 1

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

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Docket Number 252312005706 Application Number 09/753,350

Applicant

Stephen M. COUTTS, et al.

Filing Date December 29, 2000

Group Art Unit 1653

Mailing Date: July 9, 2002

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	1.	Jones, D. et al., (May-June 1999) "Multivalent thioether-peptide conjugates: B cell tolerance of an anti-peptide immune response" <i>Bioconjugate Chemistry</i> 10(3):480-488.
	2.	Jones, D. et al. (2000). "A Convenient Synthesis of N-(tert-butyloxycarbonyl) Aminooxy Ethers," <i>Tetrahedron Letters</i> 41: 1531-1533.

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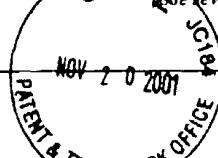
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INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

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Docket Number 252312005706 Application Number 09/753,350

Applicant	Stephen M. COUTTS, et al.
Filing Date	December 29, 2000
Group Art Unit	1600
Mailing Date	November 14, 2001

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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	2.	02/04/1993	WO 93/02093	WIPO			
	3.	08/06/1998	WO 98/33528	WIPO			
	4.	10/29/1998	WO 98/47915	WIPO			
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OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

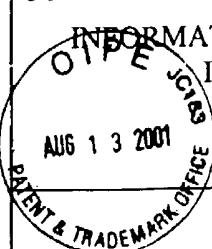
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	6.	Galili et al. (1988) "Man, apes, and old world monkeys differ from other mammals in the expression of α -galactosyl epitopes on nucleated cells" <i>J. Biol. Chem.</i> 263:17755-17762.
	7.	Galili et al. (1998) "Anti-gal antibody prevents xenotransplantation" <i>Science and Medicine</i> 5:28-37.

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

AUG 13 2001

Docket Number 252312005706	Application Number 09/753,350
Applicant	Stephen M. COUTTS et al.
Filing Date December 29, 2000	Group Art Unit 1653
Mailing Date August 8, 2001	

U.S. PATENT DOCUMENTS

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	4.	04/26/1983	4,381,239	Chibata et al.			
	5.	06/14/1983	4,388,441	Katz			
	6.	03/17/1987	4,650,675	Borel et al.			
	7.	03/15/1988	4,731,373	Barner et al			
	8.	06/14/1988	4,751,181	Keene			
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	12.	06/30/1992	5,126,131	Dintzis et al.			
	13.	07/14/1992	5,130,116	Woo et al.			
	14.	11/10/1992	5,162,515	Conrad et al.			
	15.	12/07/1993	5,268,454	Barstad et al.			
	16.	01/04/1994	5,276,013	Conrad et al.			
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	22.	12/23/1997	5,700,919	Seliger et al.			
	23.	03/10/1998	5,726,329	Jones et al.			
	24.	07/28/1998	5,786,512	Jones et al.			
	25.	02/23/1999	5,874,409	Victoria et al.			
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Docket Number 252312005706	Application Number 09/753,350
Applicant	Stephen M. COUTTS et al.
Filing Date December 29, 2000	Group Art Unit 1653
Mailing Date August 8, 2001	

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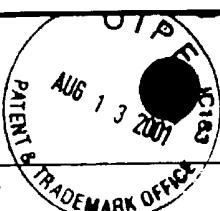
FOREIGN PATENT DOCUMENTS

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	30.	09/30/1991	CA 2,079,109	Canada				
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	37.	03/15/1995	EP 0 642 798	Europe				
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	44.	12/15/1988	WO 88/09810	PCT				
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Form PTO-1449

 INFORMATION DISCLOSURE CITATION
 IN AN APPLICATION

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Docket Number 252312005706

Application Number 09/753,360

Applicant

Stephen M. COUTTS et al.

Filing Date December 29, 2000

Group Art Unit 1653

Mailing Date August 8, 2001

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
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Applicant

Stephen M. COUTTS et al.

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Jones, D.S. et al. (1994). "Conjugates of Double-Stranded Oligonucleotides with Poly(ethylene glycol) and Keyhole Limpet Hemocyanin: A Model for Treating Systemic Lupus Erythematosus," *Bioconjugate Chem.* 5:390-399.

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